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ABSTRACT

This fall 1998 report describes student characteristics, enrollment, test scores, and outcomes at Jefferson College, Missouri. Statistics are grouped into seven sections. In the Admissions area, nearly sixty-nine percent of students graduated from an in-county high school or General Equivalency Diploma (GED) program. Regarding Total Student Body, for the third year in a row, enrollment increased slightly to 3,976 (13 students over last year), student credit hours increased by 452 to 38,640 total, part-time student enrollment decreased slightly, the number of full-time students increased slightly, and the number of full-time equivalent students has stabilized. The Degree-Seeking Students section states that 661 more of these students enrolled than in 1997. Area Vocational School experienced enrollment growth in both high school- and college-level programs. The Standardized Testing section reports that average ACT scores are about one point lower than national averages, and freshmen scored at or above other two-year college freshmen on the Asset course placement test and the CAAP test. With regard to Student Outcomes, fifteen percent of students earn a certificate or associate's degree, or complete a program each year. In fall 1998, 1,186 students who began their education at Jefferson were enrolled in other Missouri public institutions. In 1997, ninety-seven percent of vocational-technical graduates were employed 180 days after graduation. Enrollment statistics for Jefferson College at Arnold are offered in this final section, stating that the center experienced a slight decrease in enrollment and credit hours. (Contains 31 tables and 16 figures.) (RDG)

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Jefferson College

# Fall, 1998

[redacted]

# Volume I:
# Student Characteristics

December, 1998

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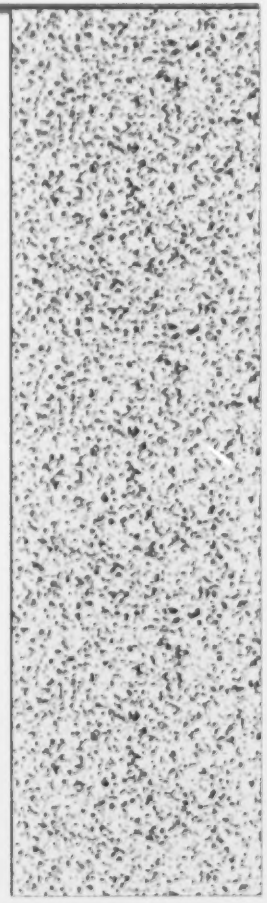

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# *Fall 1998 Factbook*
# *Volume I*
# *Student Characteristics*

For the third year in a row, student enrollment has increased slightly to 3,976, 13 more students than last fall. There were also 452 more student credit hours (38,640 total SCH) generated as of census date. The increase in enrollment is attributed to two factors: the increase in returning sophomores (869 this fall -- 57 more than last year) and an increase in dual-enrolled high school students (555 as of census reporting -- 86 more than last year).

The percentage of in-county high school graduates remains high. For the Fall 1998 term, nearly 69% of the student body has graduated from a Jefferson County high school or the GED program. The number of full-time students has risen slightly (1,848 last fall compared with 1,896 for Fall, 1998), but the number of part-time students has decreased slightly (2,080 in Fall, 1998, compared with 2,115 last fall).

Full time equivalent students (FTE) have also been stabilizing over the past three fall terms (2,554 in Fall, 1996; 2,546 in Fall, 1997; and 2,576 in Fall, 1998).

The student body is 57% female, and the average age is 25.3 for Fall, 1998. There are 661 more degree-seeking students enrolled for the Fall than there were last year. Total fall enrollment appears to have stabilized in the last three years.

The Area Vocational High School continues to experience enrollment growth. This fall, there are 166 students enrolled in the high school level programs and 155 enrolled in the college level programs from ten county high schools.

Enrollment and credit hours are down slightly at Jefferson College Arnold, but this attendance site still accounts for 40% of student enrollments and 12% of student credit hours.

Although the average ACT scores of entering freshmen are approximately one point lower than the national average, they score as well as, or better than, their peers in 2 yr. institutions on the Asset course placement test. Outcomes assessments also reveal that Jefferson graduates score as high or higher than their peers on the CAAP test, and their passing rates on the CBASE continue to match or exceed those of students at other Missouri institutions.

A substantial percentage of the student body (approximately 15% or 605 last year) earn awards each year, and according to the Coordinating Board for Higher Education, 1,186 students who first began their studies at Jefferson College were enrolled in other public institutions in the state in the Fall 1998 school term. One hundred and thirty-five students who started at Jefferson earned awards at other Missouri public institutions in 1996-97. Finally, the job placement rates for Jefferson vocational-technical graduates remains very high. Last year, 97% of vocational-technical graduates were employed 180 days after graduation -- 92% in field related positions.

Executive Summary

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## 1.1 1997-98 Comparison Chart--Recent County High School Graduates/In District

**CENSUS REPORT**
**1997-1998 COMPARISON CHART**
**RECENT COUNTY HIGH SCHOOL GRADUATES ONLY**
**SEPTEMBER 21, 1998**

| Jefferson County High School | # of 1997 Graduates | # of 1997 Graduates Enrolled *(as of 9-9-97)** | % of 1997 Graduates Enrolled | # of 1998 Graduates | # of 1998 Graduates Enrolled *(as of 9-21-98)* | % of 1998 Graduates Enrolled | Change from 1997 to 1998 | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | *Numbers* | *Percentage* |
| Christian Outreach | 13 | 5 | 38% | 6 | 3 | 50% | -2 | -40% |
| Crystal City | 57 | 34 | 60% | 57 | 27 | 47% | -7 | -21% |
| DeSoto | 195 | 52 | 27% | 230 | 89 | 39% | +37 | +71% |
| Festus | 123 | 56 | 46% | 154 | 51 | 33% | -5 | -9% |
| Fox | 490 | 124 | 25% | 499 | 111 | 22% | -13 | -10% |
| Grandview | 64 | 28 | 44% | 55 | 18 | 33% | -10 | -36% |
| Herculaneum | 130 | 35 | 27% | 113 | 42 | 37% | +7 | +20% |
| Hillsboro | 217 | 85 | 39% | 233 | 94 | 40% | +9 | +11% |
| Northwest | 380 | 76 | 20% | 400 | 82 | 21% | +6 | +8% |
| People's Chrsitan | 4 | 2 | 50% | 9 | 7 | 78% | +5 | +250% |
| Twin City Christian | 7 | 2 | 29% | 10 | 8 | 80% | +6 | +300% |
| Windsor | 156 | 54 | 35% | 187 | 46 | 25% | -8 | -15% |
| St. Pius X | 79 | 26 | 33% | 101 | 21 | 21% | -5 | -19% |
| **TOTAL** | **1915** | **579** | **30%** | **2054** | **599** | **29%** | **+20** | **+3%** |

*1997's Census Date

Information taken from Banner generated report (WSADJCHS) on *9-21-98* and Jefferson County High School Graduation data received from area high schools.

The table on the left depicts the number of graduates by high school in Jefferson County for the two previous years. Also displayed are the number and percentage of graduates who enrolled at Jefferson College. The last two columns in the table show the changes in the number and percentage of students enrolled from each high school. In 1998, there were 149 more graduates in the Jefferson County schools, and 20 more graduates enrolled at Jefferson College.

## 1.2 1997-98 Comparison Chart--Recent High School Graduates/Out of District (Primary Feeder Schools from Out of County Schools)

**CENSUS REPORT**
**1997-1998 COMPARISON CHART**
**RECENT OUT-OF-DISTRICT HIGH SCHOOL GRADUATES**
**SEPTEMBER 21, 1998**

| Out of District High School | # of 1997 Graduates | # of 1997 Graduates Enrolled *(as of 9-9-97)** | % of 1997 Graduates Enrolled | # of 1998 Graduates | # of 1998 Graduates Enrolled *(as of 9-21-98)* | % of 1998 Graduates Enrolled | Change from 1997 to 1998 | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | *Numbers* | *Percentage* |
| Potosi | 180 | 8 | 4% | 200 | 15 | 8% | +7 | +88% |
| Ste. Genevieve | 157 | 25 | 16% | 154 | 27 | 18% | +2 | +8% |
| Valle | 40 | 11 | 28% | 37 | 7 | 19% | -4 | -36% |
| Perryville | 195 | 6 | 3% | 190 | 4 | 2% | -2 | -33% |
| St. Vincent | 43 | 5 | 12% | 47 | 3 | 6% | -2 | -40% |
| Life Christian Sc | 4 | 0 | 0% | 9 | 0 | 0% | +0 | |
| Pacific | 212 | 0 | 0% | 210 | 0 | 0% | +0 | |
| St. Francis Borg | 121 | 2 | 2% | 136 | 1 | 1% | -1 | -50% |
| South County T | 180 | 0 | 0% | 190 | 2 | 1% | +2 | |
| **TOTAL** | **1132** | **57** | **5%** | **1173** | **59** | **5%** | **+2** | **+4%** |

*1997's Census Date

Information taken from Banner generated report (SADHSE) *September 21, 1998* and Out of District high school graduation data received from out of district high schools.

This table is similar to Table 1.1 on the previous page, but shows the graduates from out-of-district schools and the enrollment patterns at Jefferson College.

Both Tables 1.1 and 1.2 show that enrollment of high school graduates has increased slightly in Fall, 1998.



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### 1.3 1997-98 SOAR Comparison Chart

| Summer/Fall 1997 SOARS | # Attended | Summer/Fall 1998 SOARS | # Attended |
|---|---|---|---|
| Sat., 4/26 | 106 | Sat., 5/2 | 173 |
| Tues., 5/6 | 59 | Tues., 5/12 | 11 |
| Thurs., 5/22 | 55 | Thurs., 5/14 | 67 |
| Tues., 6/3 (E) | 37 | Thurs., 6/4 | 79 |
| Tues., 6/10 | 105 | Wed., 6/17 | 57 |
| Wed., 6/18 | 26 | Thurs., 6/25 (E) | 18 |
| Wed., 7/9 | 76 | Thurs., 7/9 | 48 |
| Tues., 7/15 (E) | 35 | Tues., 7/14 (E) | 37 |
| Thurs., 7/17 | 22 | Thurs., 7/16 | 51 |
| Tues., 7/22 | 11 | Thurs., 7/30 (E) | 31 |
| Wed., 7/23 (E) | 28 | Wed., 8/5 | 86 |
| Mon., 8/4 | 40 | Tues., 8/11 (E) | 50 |
| Fri., 8/15 | 60 | | |
| **TOTAL:** | 660 | **TOTAL:** | 708 |

**SOAR Participation increased by 7% in 1998**

***(E) = Evening**

Student Orientation, Advising, and Registration (SOAR) programs have been initiated to provide guidance for new students for course planning and career planning. SOAR opportunities should enhance students' decision-making as well as their persistence and completion rates. As Table 1.3 shows, attendance at SOAR sessions is increasing.

### 1.4 1998 Fall Enrollment of Students Who Have Earned a GED

| 1998 Fall Enrollment of Students Who Have Earned a GED | |
|---|---|
| New First-Time | 100 |
| Transfer | 10 |
| Continuing | 133 |
| Returning | 42 |
| TOTAL | 285 |

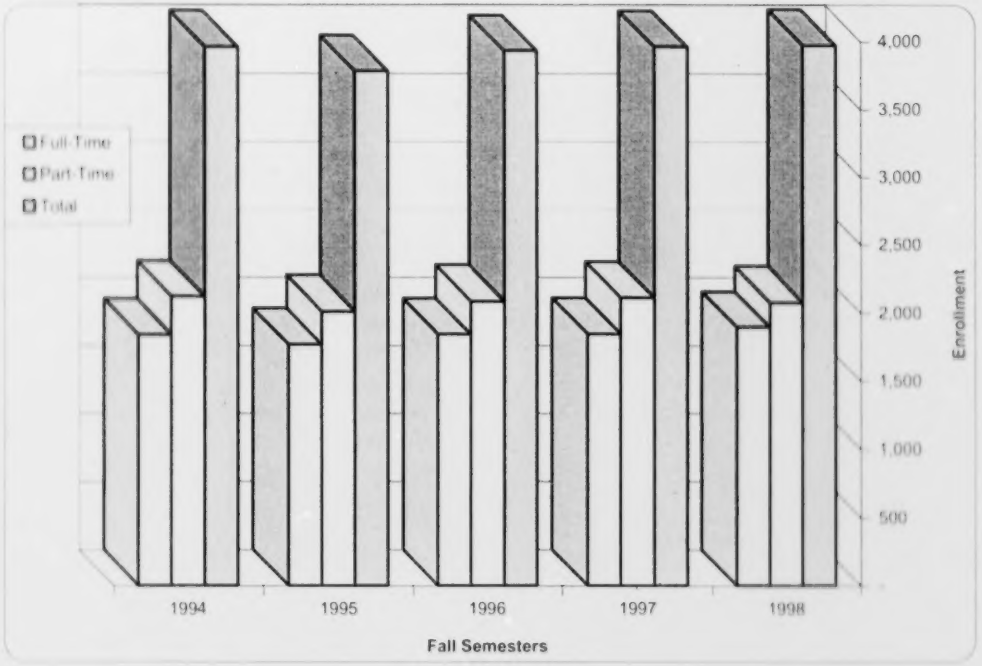
Jefferson College is a state designated facility for GED preparation and GED testing. A substantial number of individuals who pass the GED examination enroll at Jefferson College every year. In the Fall of 1998, there were 285 students enrolled who were GED graduates.

## 2.1 Fall Semesters: Full-Time, Part-Time, and Total Headcount

| Year | *Full-Time | | Part-Time | | Total |
|---|---|---|---|---|---|
| | # | % | # | % | Headcount |
| 1994 | 1,842 | 46.5% | 2,120 | 53.5% | 3,962 |
| 1995 | 1,770 | 46.8% | 2,013 | 53.2% | 3,783 |
| 1996 | 1,846 | 46.9% | 2,088 | 53.1% | 3,934 |
| 1997 | 1,848 | 46.6% | 2,115 | 53.4% | 3,963 |
| 1998 | 1,896 | 47.7% | 2,080 | 52.3% | 3,976 |

Source: Banner Query. Prior to Fall 1998, SRR100 Reports

*"Full-time" is a student who is taking 12 or more credit hours.




Fall enrollment has increased slightly for Fall, 1998, and is now at its' highest level in the past five years. The enrollment of part-time students has remained relatively stable while the enrollment of full-time students is rising slightly. The increase this Fall is due to the increase in full-time students

This chart visually depicts the enrollment trends for the past five years. The proportion of full-time to part-time students has remained relatively constant over the five year period.

## 2.2 Gender of Students

| Gender | Fall Terms 1994 # | 1994 % | 1995 # | 1995 % | 1996 # | 1996 % | 1997 # | 1997 % | 1998 # | 1998 % |
|---|---|---|---|---|---|---|---|---|---|---|
| Female | 2,384 | 60.2% | 2,279 | 60.3% | 2,279 | 57.9% | 2,252 | 56.8% | 2,273 | 57.2% |
| Male | 1,578 | 39.8% | 1,502 | 39.7% | 1,655 | 42.1% | 1,711 | 43.2% | 1,703 | 42.8% |
| Total | 3,962 | 100.0% | 3,781 | 100.0% | 3,934 | 100.0% | 3,963 | 100.0% | 3,976 | 100.0% |

Source: SRR100 and Banner Query

## 2.3 Age of Students

| Age Group | Fall Terms 1994 # | 1994 % | 1995 # | 1995 % | 1996 # | 1996 % | 1997 # | 1997 % | 1998 # | 1998 % |
|---|---|---|---|---|---|---|---|---|---|---|
| < 20 | 1,436 | 36.2% | 1,385 | 36.6% | 1,753 | 44.6% | 1,801 | 45.4% | 1,728 | 43.5% |
| 20 - 24 | 829 | 20.9% | 673 | 17.8% | 685 | 17.4% | 690 | 17.4% | 856 | 21.5% |
| 25 - 34 | 793 | 20.0% | 745 | 19.7% | 697 | 17.7% | 705 | 17.8% | 623 | 15.7% |
| 35 + | 845 | 21.3% | 802 | 21.2% | 768 | 19.5% | 743 | 18.7% | 687 | 17.3% |
| Unknown | 59 | 1.5% | 180 | 4.8% | 31 | 0.8% | 24 | 0.6% | 82 | 2.1% |
| Total | 3,962 | 100.0% | 3,785 | 100.0% | 3,934 | 100.0% | 3,963 | 100.0% | 3,976 | 100.0% |

Note: Average Age = 25.3 for Fall 1998 Average Female Age, Fall, 1998 = 26.1 Average Male Age, Fall, 1998 = 24.2

Source: RTK01-972 and previous

## 2.4 Student Ethnicity

| Ethnicity | Fall Terms 1994 # | 1994 % | 1995 # | 1995 % | 1996 # | 1996 % | 1997 # | 1997 % | 1998 # | 1998 % |
|---|---|---|---|---|---|---|---|---|---|---|
| Nonresident Alien | 12 | 0.3% | 2 | 0.1% | 1 | 0.0% | 1 | 0.0% | 7 | 0.2% |
| Black, non-Hispanic | 19 | 0.5% | 15 | 0.4% | 25 | 0.6% | 35 | 0.9% | 24 | 0.6% |
| Amer.Indian/Alask.Nat. | 8 | 0.2% | 46 | 1.2% | 26 | 0.7% | 18 | 0.5% | 26 | 0.7% |
| Asian/Pacific Islander | 4 | 0.1% | 11 | 0.3% | 6 | 0.2% | 16 | 0.4% | 18 | 0.5% |
| Hispanic | 16 | 0.4% | 84 | 2.2% | 26 | 0.7% | 37 | 0.9% | 26 | 0.7% |
| White, non-Hispanic | 3,289 | 83.0% | 2,941 | 77.7% | 3,454 | 87.8% | 3,519 | 88.8% | 3,277 | 82.4% |
| Race/ethnicity unknown | 614 | 15.5% | 684 | 18.1% | 396 | 10.1% | 337 | 8.5% | 598 | 15.0% |
| Total | 3,962 | 100.0% | 3,783 | 100.0% | 3,934 | 100.0% | 3,963 | 100.0% | 3,976 | 100.0% |

Source: RTK01-972 and previous

The student body at Jefferson College has traditionally been approximately 60% female. In the past three years, there has been a slight increase in male students in the Fall student body.

The largest portion of the student body is traditionally less than 20 years old. It now accounts for 43.5% of the total student body. The average age of the student body continues to decrease from 27.5 in Fall, 1992, to 25.3 in Fall, 1998; but note the average age for females (26.1) as opposed to males (24.2).

The student body at Jefferson College remains predominately white, reflecting the ethnic make-up of the county. However, ethnicity is one of the self-reported student characteristics that is considered to be a "very soft" data element and subject to revision after census date. (Note that 614 are "unknowns").

**2.5 Total Enrollment by Class**

| Fall Term | Freshman | Sophomore | Other | Total |
|---|---|---|---|---|
| 1994 | 2,939 | 644 | 379 | 3,962 |
| 1995 | 2,828 | 608 | 347 | 3,783 |
| 1996 | 2,825 | 760 | 349 | 3,934 |
| 1997 | 2,818 | 812 | 333 | 3,963 |
| 1998 | 2,781 | 805 | 390 | 3,976 |

Source: SRR100 Census Reports and EMSAS Fall Enrollment Files

**2.6 Degree-Seeking Enrollment by Class**

| Fall Term | Freshman | Sophomore | Other | Total |
|---|---|---|---|---|
| 1991 | 1,708 | 886 | 99 | 2,693 |
| 1992 | 2,014 | 555 | 248 | 2,817 |
| 1993 | 1,983 | 672 | 275 | 2,930 |
| 1994 | 2,044 | 558 | 291 | 2,893 |
| 1995 | 1,945 | 533 | 265 | 2,743 |
| 1996 | 1,909 | 666 | 282 | 2,857 |
| 1997 | 1,688 | 722 | 270 | 2,680 |
| 1998 | 2,268 | 738 | 335 | 3,341 |

Source: SRR100 Census Reports and EMSAS Fall Enrollment Files

**2.7 Non Degree-Seeking Enrollment by Class**

| Fall Term | Freshman | Sophomore | Other | Total |
|---|---|---|---|---|
| 1991 | 1,073 | 192 | 119 | 1,384 |
| 1992 | 1,219 | 113 | 61 | 1,393 |
| 1993 | 834 | 106 | 73 | 1,013 |
| 1994 | 895 | 86 | 88 | 1,069 |
| 1995 | 883 | 75 | 82 | 1,040 |
| 1996 | 916 | 94 | 67 | 1,077 |
| 1997 | 1,130 | 90 | 63 | 1,283 |
| 1998 | 513 | 67 | 55 | 635 |

Source: SRR100 Census Reports and EMSAS Fall Enrollment Files

Student "class" refers to the number of credit hours earned. Freshman class means that a student has accumulated fewer than 30 credit hours. Sophomore class means between 30 and 60 credit hours accumulated. "Other class" means the accumulation of more than 60 credit hours. The number of "other" students (more than 60 credit hours accumulated) has increased this fall.

Degree-seeking students are those who intend to earn a formal award at Jefferson College including associate degrees, and certificates. As the table shows, there is a dramatic 34% increase in degree-seeking freshmen in the Fall 1998 school term. It may be that the increased emphasis on student advising and the new Banner registration procedures are impacting students' decision-making at an earlier point in time.

### 2.8 Percent of Change in Class Status

| Enrollment Category | Freshman | Sophomore | Other | Total |
|---|---|---|---|---|
| **Total** | | | | |
| 1 yr. Fall '97 - Fall '98 | -1.3% | -0.9% | 17.1% | 0.3% |
| 5 yr. Fall '94 - Fall '98 | -5.4% | 25.0% | 2.9% | 0.4% |
| **Degree-Seeking** | | | | |
| 1 yr. Fall '97 - Fall '98 | 34.4% | 2.2% | 24.1% | 24.7% |
| 5 yr. Fall '94 - Fall '98 | 11.0% | 32.3% | 15.1% | 15.5% |
| **Non Degree-Seeking** | | | | |
| 1 yr. Fall '97 - Fall '98 | -54.6% | -25.6% | -12.7% | -50.5% |
| 5 yr. Fall '94 - Fall '98 | -42.7% | -22.1% | -37.5% | -40.6% |

Note: (1) Formula for calculating percent of change =((second value - first value)/first value)

The table on the left shows the percent of change in class status for Fall to Fall enrollment 1997 to 1998, and for 1994 to 1998.

Both the 1-year trend and the 5-year trend show a slight increase in total fall enrollment. The most dramatic change is the increase in the number of degree seeking students over the last five years, and in particular, the last year.

Since the total enrollment has not changed substantially, this increase is attributed to students declaring a degree-seeking intention earlier than in previous school terms.

**2.9 Full-Time Equivalents (FTE) For Credit Courses: Student Headcount, Credit Hours, and FTE by School Term**

| School Term | Headcount | Credit Hours | FTE |
|---|---|---|---|
| **FY 1998-99** | | | |
| Summer 1998 | 1,111 | 4,675 | 779 |
| Fall 1998 | 3,976 | 38,640 | 2,576 |
| Spring 1999 | | | |
| Total | 5,087 | 43,315 | 3,355 |
| Undup. Hdcnt. | n.a. | | |
| Annual FTE | | | n.a. |
| **FY 1997-98** | | | |
| Summer 1997 | 1,103 | 4,938 | 823 |
| Fall 1997 | 3,963 | 38,188 | 2,546 |
| Spring 1998 | 3,376 | 33,036 | 2,202 |
| Total | 8,442 | 76,162 | 5,571 |
| Undup. Hdcnt. | 5,157 | | |
| Annual FTE | | | 2,539 |
| **FY 1996-97** | | | |
| Summer 1996 | 1,034 | 4,919 | 820 |
| Fall 1996 | 3,934 | 38,306 | 2,554 |
| Spring 1997 | 3,366 | 33,773 | 2,252 |
| Total | 8,334 | 76,998 | 5,626 |
| Undup. Hdcnt. | 5,102 | | |
| Annual FTE | | | 2,567 |
| **FY 1995-96** | | | |
| Summer 1995 | 1,184 | 5,795 | 963 |
| Fall 1995 | 3,783 | 37,507 | 2,500 |
| Spring 1996 | 3,216 | 32,610 | 2,174 |
| Total | 8,183 | 75,912 | 5,637 |
| Undup. Hdcnt. | 5,005 | | |
| Annual FTE | | | 2,530 |

| School Term | Headcount | Credit Hours | FTE |
|---|---|---|---|
| **FY 1994-95** | | | |
| Summer 1994 | 1,235 | 5,819 | 970 |
| Fall 1994 | 3,962 | 39,566 | 2,638 |
| Spring 1995 | 3,360 | 33,479 | 2,232 |
| Total | 8,557 | 78,864 | 5,840 |
| Undup. Hdcnt. | 5,311 | | |
| Annual FTE | | | 2,629 |
| **FY 1993-94** | | | |
| Summer 1993 | 1,290 | 6,668 | 1,111 |
| Fall 1993 | 3,943 | 40,894 | 2,726 |
| Spring 1994 | 3,528 | 35,898 | 2,393 |
| Total | 8,761 | 83,460 | 6,230 |
| Undup. Hcnt. | 5,459 | | |
| Annual FTE | | | 2,782 |
| **FY 1992-93** | | | |
| Summer 1992 | 1,550 | 7,521 | 1,254 |
| Fall 1992 | 4,210 | 43,619 | 2,908 |
| Spring 1993 | 3,630 | 37,462 | 2,497 |
| Total | 9,390 | 88,602 | 6,659 |
| Undup. Hdcnt. | 6,075 | | |
| Annual FTE | | | 2,953 |
| **FY 1991-92** | | | |
| Summer 1991 | 1,428 | 7,310 | 1,218 |
| Fall 1991 | 4,077 | 42,230 | 2,815 |
| Spring 1992 | 3,900 | 39,305 | 2,620 |
| Total | 9,405 | 88,845 | 6,653 |
| Undup. Hdcnt. | 5,933 | | |
| Annual FTE | | | 2,962 |
| **Change:** | | | |
| Sum. 1992 - Sum. 1998 | -28% | -38% | -38% |
| Fall 1992 - Fall 1998 | -6% | -11% | -11% |
| Spr. 1992 - Spr. 1997 | -13% | -16% | -16% |

Source: Census date SRR100 reports from Registrar's office and Banner queries as of Summer, 1998.

Notes: Fall and Spring FTEs are derived by dividing the total credit hours by 15.
Summer FTEs are derived by dividing the total credit hours by 6.
Annual FTE is calculated as the total annual credit hours divided by 30.

This table presents an historical overview of the headcount, credit hours, and Full-Time Equivalent (FTE) students at Jefferson College for the past eight academic years.

The downward trends, evident after FY91-92, have stabilized in the past three years.

The "change" rows at the bottom of the table show that the gap from the peak year, though decreasing, remains substantial. Percentage-wise, summer sessions have experienced the greatest reduction, while fall has experienced the least.



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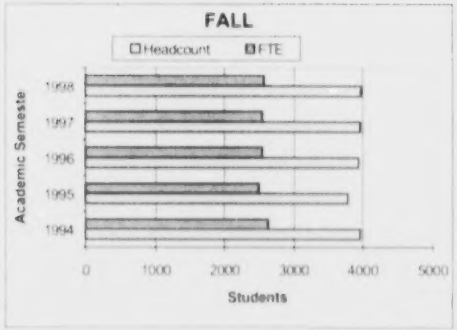
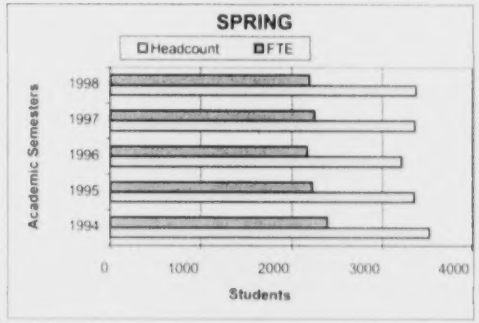
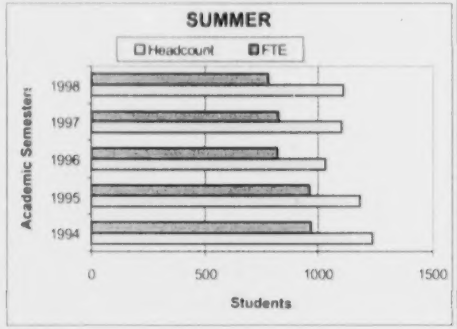
## 2.10 Headcount Enrollment and FTE by School Term




The charts on the left visually depict the enrollment fluctuations by school term. Fall is the term of highest enrollment followed by Spring and Summer. FTE mirrors headcount enrollment. The five-yeard trend suggests that enrollment is beginning to stabilize over all three terms.

## 2.11 Percent of Change in Headcount, Credit Hours, and FTE

| School Term | | Headcount | Credit Hours | FTE |
|---|---|---|---|---|
| 1-yr. Change | Summer 1997 to Summer 1998 | 0.7% | -5.6% | -5.6% |
| 7-yr. Change | Summer 1992 to Summer 1998 | -39.5% | -60.9% | -61.0% |
| 1-yr. Change | Fall.1997 to Fall 1998 | 0.3% | 1.2% | 1.2% |
| 7-yr. Change | Fall 1992 to Fall 1998 | -5.9% | -12.9% | -12.9% |
| 1-yr. Change | Spring 1997 to Spring 1998 | 0.3% | -2.2% | -2.3% |
| 7-yr. Change | Spring 1993 to Spring 1998 | -7.5% | -13.4% | -13.4% |

Note: (1) Data are from Table 2.9

(2) Formula for calculating percent of change is: ((second value - first value)/second value).

(3) Percent of change is calculated from the year of highest enrollment (FY '91-92) with the most recent term, and from the previous term with the most recent term.

This table summarizes the percent of change in the last year and in the last six years by school term. The Fall term has generally been the least affected.

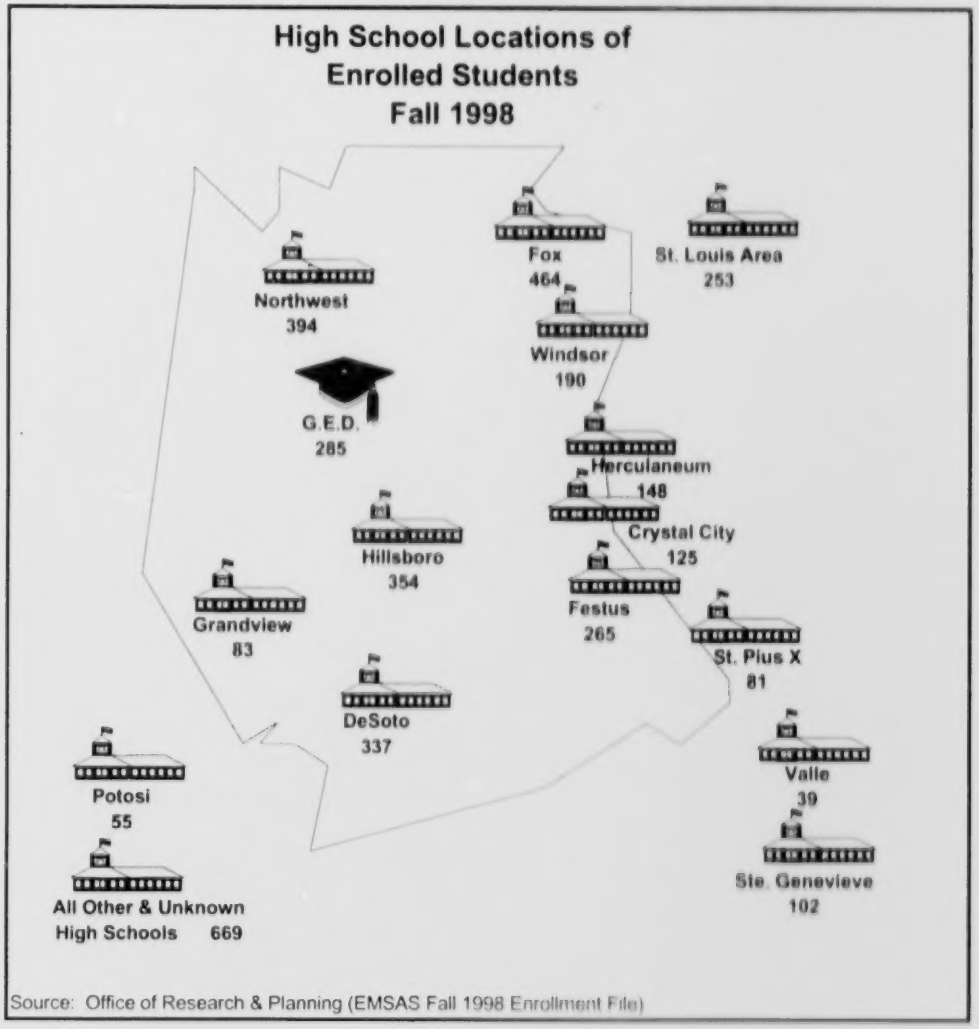
## 2.12 High Schools Attended

| High School | Fall 1994 | | Fall 1995 | | Fall 1996 | | Fall 1997 | | Fall 1998 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| Crystal City | 122 | 3.1% | 119 | 3.1% | 108 | 2.7% | 125 | 3.2% | 125 | 3.1% |
| De Soto | 304 | 7.7% | 284 | 7.5% | 333 | 8.5% | 323 | 8.2% | 337 | 8.5% |
| Festus | 315 | 8.0% | 299 | 7.9% | 283 | 7.2% | 285 | 7.2% | 265 | 6.7% |
| Fox | 517 | 13.0% | 480 | 12.7% | 507 | 12.9% | 472 | 11.9% | 464 | 11.7% |
| G.E.D. | 371 | 9.4% | 328 | 8.7% | 293 | 7.4% | 286 | 7.2% | 285 | 7.2% |
| Grandview | 69 | 1.7% | 67 | 1.8% | 87 | 2.2% | 110 | 2.8% | 83 | 2.1% |
| Herculaneum | 139 | 3.5% | 153 | 4.0% | 137 | 3.5% | 136 | 3.4% | 148 | 3.7% |
| Hillsboro | 333 | 8.4% | 319 | 8.4% | 359 | 9.1% | 354 | 8.9% | 354 | 8.9% |
| Northwest | 291 | 7.3% | 270 | 7.1% | 347 | 8.8% | 412 | 10.4% | 394 | 9.9% |
| Windsor | 122 | 3.1% | 136 | 3.6% | 133 | 3.4% | 143 | 3.6% | 190 | 4.8% |
| St. Pius X | 112 | 2.8% | 90 | 2.4% | 94 | 2.4% | 87 | 2.2% | 81 | 2.0% |
| Subtotal | 2,695 | 68.0% | 2,545 | 67.3% | 2,681 | 68.1% | 2,733 | 69.0% | 2,726 | 68.6% |
| Other area high schools | | | | | | | | | | |
| Ste. Genevieve | 94 | 2.4% | 87 | 2.3% | 86 | 2.2% | 97 | 2.4% | 102 | 2.6% |
| Potosi | 58 | 1.5% | 34 | 0.9% | 33 | 0.8% | 31 | 0.8% | 55 | 1.4% |
| Valle | 26 | 0.7% | 23 | 0.6% | 23 | 0.6% | 25 | 0.6% | 39 | 1.0% |
| St. Louis area | 315 | 8.0% | 287 | 7.6% | 321 | 8.2% | 253 | 6.4% | 342 | 8.6% |
| Subtotal | 493 | 12.4% | 431 | 11.4% | 463 | 11.8% | 406 | 10.2% | 538 | 13.5% |
| All other high Schools | 774 | 19.5% | 807 | 21.3% | 790 | 20.1% | 824 | 20.8% | 712 | 17.9% |
| Grand Total | 3,962 | 100.0% | 3,783 | 100.0% | 3,934 | 100.0% | 3,963 | 100.0% | 3,976 | 100.0% |

Source: EMSAS Fall 1998 Enrollment File

The percentage of in-county students continues to be high. Nearly seven out of every ten students graduated from county schools. The high percentage (17.9%) of students from "other" high schools outside of our immediate geographical area is no doubt related to the in-migration patterns that have contributed to the county's growth in the last two decades.

## 2.13 High School Locations of Enrolled Students, Fall 1998




Source: Office of Research & Planning (EMSAS Fall 1998 Enrollment File)

A substantial number of students from every county high school are enrolled at Jefferson College. The high number of "other high schools" reflect the in-migration patterns of persons into Jefferson County. It is also noteworthy that the G.E.D. program administered through the College also accounts for a substantial number of student enrollments at the College.

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12/21/98
Fctbk981|HS map

# Section 3: Degree-Seeking Students

## 3.1 Full-Time and Part-Time Degree-Seeking Students

| Headcount | Fall 1994 | | Fall 1995 | | Fall 1996 | | Fall 1997 | | Fall 1998 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| Part-Time | 1,373 | 47.5% | 1,262 | 46.0% | 1,256 | 44.0% | 1,094 | 40.8% | 1,609 | 48.2% |
| Full-Time | 1,520 | 52.5% | 1,481 | 54.0% | 1,601 | 56.0% | 1,586 | 59.2% | 1,732 | 51.8% |
| Total | 2,893 | 100.0% | 2,743 | 100.0% | 2,857 | 100.0% | 2,680 | 100.0% | 3,341 | 100.0% |

Source: SRR100, census date reports, and Banner queries.

## 3.2 Degree-Seeking Students by Gender

| Gender | Fall 1994 | | Fall 1995 | | Fall 1996 | | Fall 1997 | | Fall 1998 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| Female | 1,728 | 59.7% | 1,641 | 59.9% | 1,672 | 58.5% | 1,514 | 56.5% | 1,913 | 57.3% |
| Male | 1,165 | 40.3% | 1,100 | 40.1% | 1,185 | 41.5% | 1,166 | 43.5% | 1,428 | 42.7% |
| Total | 2,893 | 100.0% | 2,741 | 100.0% | 2,857 | 100.0% | 2,680 | 100.0% | 3,341 | 100.0% |

Source: SRR100, and Banner queries.

## 3.3 Degree-Seeking Students by Age Group

| Age Group | Fall 1994 | | Fall 1995 | | Fall 1996 | | Fall 1997 | | Fall 1998 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| < 20 | 925 | 32.0% | 937 | 34.2% | 1,128 | 39.5% | 1,051 | 39.2% | 1,457 | 43.6% |
| 20 - 24 | 661 | 22.8% | 557 | 20.3% | 576 | 20.2% | 580 | 21.6% | 755 | 22.6% |
| 25 - 34 | 613 | 21.2% | 594 | 21.7% | 583 | 20.4% | 475 | 17.7% | 522 | 15.6% |
| 35 + | 649 | 22.4% | 599 | 21.8% | 552 | 19.3% | 453 | 16.9% | 598 | 17.9% |
| Unknown | 45 | 1.6% | 56 | 2.0% | 18 | 0.6% | 121 | 4.5% | 9 | 0.3% |
| Total | 2,893 | 100.0% | 2,743 | 100.0% | 2,857 | 100.0% | 2,680 | 100.0% | 3,341 | 100.0% |

Source: RTK01 Files and Banner Queries.

## 3.4 Ethnicity of Degree-Seeking Students

| Ethnicity | Fall 1994 | | Fall 1995 | | Fall 1996 | | Fall 1997 | | Fall 1998 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| Black | 17 | 0.6% | 11 | 0.4% | 22 | 0.8% | 29 | 1.1% | 22 | 0.7% |
| Am.Ind./Alask.Nat. | 7 | 0.2% | 39 | 1.4% | 24 | 0.8% | 15 | 0.6% | 23 | 0.7% |
| White | 2,445 | 84.5% | 2,212 | 80.6% | 2,562 | 89.7% | 2,400 | 89.6% | 2,715 | 81.3% |
| Hispanic | 14 | 0.5% | 18 | 0.7% | 21 | 0.7% | 26 | 1.0% | 24 | 0.7% |
| Asian/Pac.Is. | 3 | 0.1% | 8 | 0.3% | 5 | 0.2% | 9 | 0.3% | 16 | 0.5% |
| Nonresident Alien | 10 | 0.3% | 8 | 0.3% | 6 | 0.2% | 1 | 0.0% | 7 | 0.2% |
| Unknown | 397 | 13.7% | 447 | 16.3% | 217 | 7.6% | 200 | 7.5% | 534 | 16.0% |
| Total | 2,893 | 100.0% | 2,743 | 100.0% | 2,857 | 100.0% | 2,680 | 100.0% | 3,341 | 100.0% |

Source: RTK01 Files and Banner Queries. Note: Ethnicity is self-reported and considered to be "soft" data subject to revision.

Part-time enrollment of degree-seeking students has increased dramatically in the Fall 1998 term. Part-time degree-seeking students now account for nearly one-half of the total for this group.

The gender of degree-seeking students is similar to that of the entire student body. The proportion of male students is increasing over the 5-year period.

The number and percentage of degree-seeking students under the age of 20 is increasing dramatically.

Ethnicity is considered to be "very soft" self-reported data. Nevertheless, the ethnic composition of degree-seeking students is quite similar to that of the entire student body.

### 3.5 First-Time, Degree-Seeking Students By Gender

| Gender | Fall 1994 | | Fall 1995 | | Fall 1996 | | Fall 1997 | | Fall 1998 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| Female | 523 | 56.7% | 551 | 57.2% | 569 | 55.2% | 444 | 52.0% | 548 | 51.9% |
| Male | 399 | 43.3% | 412 | 42.8% | 462 | 44.8% | 410 | 48.0% | 507 | 48.1% |
| Total | 922 | 100.0% | 963 | 100% | 1,031 | 100% | 854 | 100% | 1,055 | 100% |

Source: RTK01 Files and Banner Queries

The percentage of males who are first-time, degree-seeking has been increasing over the last five years.

### 3.6 First-Time, Degree-Seeking Students By Age Group

| Age Group | Fall 1994 | | Fall 1995 | | Fall 1996 | | Fall 1997 | | Fall 1998 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| < 20 | 541 | 58.7% | 618 | 64.2% | 618 | 64.2% | 606 | 71.0% | 743 | 70.4% |
| 20 -24 | 88 | 9.5% | 92 | 9.6% | 92 | 9.6% | 95 | 11.1% | 134 | 12.7% |
| 25 - 34 | 146 | 15.8% | 121 | 12.6% | 121 | 12.6% | 90 | 10.5% | 36 | 3.4% |
| 35 + | 130 | 14.1% | 111 | 11.5% | 111 | 11.5% | 63 | 7.4% | 89 | 8.4% |
| Unknown | 17 | 1.8% | 21 | 2.2% | 21 | 2.2% | 0 | 0.0% | 53 | 5.0% |
| Total | 922 | 100.0% | 963 | 100% | 963 | 100% | 854 | 100% | 1,055 | 100% |

Source: RTK01 Files and Banner Queries

The majority of first-time, degree-seeking students are less than 20 yrs. of age. This group is largely comprised of recent high school graduates.

### 3.7 Ethnicity of First-Time, Degree-Seeking Students

| Ethnicity | Fall 1994 | | Fall 1995 | | Fall 1996 | | Fall 1997 | | Fall 1998 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| Black | 6 | 0.7% | 4 | 0.4% | 13 | 1.3% | 11 | 1.3% | 6 | 0.6% |
| Am.Ind./Alask.Nat. | 1 | 0.1% | 26 | 2.7% | 7 | 0.7% | 5 | 0.6% | 8 | 0.8% |
| White | 753 | 81.7% | 735 | 76.3% | 922 | 89.4% | 754 | 88.3% | 950 | 90.0% |
| Hispanic | 1 | 0.1% | 10 | 1.0% | 13 | 1.3% | 12 | 1.4% | 6 | 0.6% |
| Asian/Pac.Is. | 1 | 0.1% | 6 | 0.6% | 1 | 0.1% | 4 | 0.5% | 8 | 0.8% |
| Nonresident Alien | 0 | 0.0% | 6 | 0.6% | 0 | 0.0% | 0 | 0.0% | 5 | 0.5% |
| Unknown | 160 | 17.4% | 176 | 18.3% | 75 | 7.3% | 68 | 8.0% | 72 | 6.8% |
| Total | 922 | 100.0% | 963 | 100.0% | 1,031 | 100.0% | 854 | 100.0% | 1,055 | 100.0% |

Source: RTK01 Files and Banner Queries

The ethnic characteristics of this group of students are similar to that of the entire student body.

### 3.8 Full-Time, First-Time, Degree-Seeking Students By Gender

| Gender | Fall 1994 | | Fall 1995 | | Fall 1996 | | Fall 1997 | | Fall 1998 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| Female | 290 | 51.8% | 358 | 55.2% | 323 | 51.6% | 318 | 50.0% | 403 | 52.7% |
| Male | 270 | 48.2% | 290 | 44.8% | 303 | 48.4% | 318 | 50.0% | 362 | 47.3% |
| Total | 560 | 100.0% | 648 | 100.0% | 626 | 100.0% | 636 | 100.0% | 765 | 100.0% |

Source: RTK01 Files and Banner Queries  Full-Time = 12 or more credit hours

Females are predominate in this cohort, but not to the extent that they are predominate in the entire student body.

### 3.9 Full-Time, First-Time Degree-Seeking Students By Age Group

| Age Group | Fall 1994 | | Fall 1995 | | Fall 1996 | | Fall 1997 | | Fall 1998 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| < 20 | 450 | 80.4% | 522 | 80.6% | 431 | 68.8% | 515 | 81.0% | 641 | 83.8% |
| 20 - 24 | 41 | 7.3% | 48 | 7.4% | 120 | 19.2% | 48 | 7.5% | 60 | 7.8% |
| 25 - 34 | 40 | 7.1% | 40 | 6.2% | 46 | 7.3% | 48 | 7.5% | 32 | 4.2% |
| 35 + | 20 | 3.6% | 22 | 3.4% | 29 | 4.6% | 25 | 3.9% | 30 | 3.9% |
| Unknown | 9 | 1.6% | 16 | 2.5% | 0 | 0.0% | 0 | 0.0% | 2 | 0.3% |
| Total | 560 | 100.0% | 648 | 100.0% | 626 | 100.0% | 636 | 100.0% | 765 | 100.0% |

Source: RTK01 Files and Banner Queries

This cohort of students also consists largely of recent high school graduates who are less than 20 yrs. of age.

### 3.10 Ethnicity of Full-Time, First-Time, Degree-Seeking Students

| Ethnicity | Fall 1994 | | Fall 1995 | | Fall 1996 | | Fall 1997 | | Fall 1998 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| Black | 5 | 0.9% | 3 | 0.5% | 9 | 1.4% | 9 | 1.4% | 6 | 0.8% |
| Am.Ind./Alask.Nat. | 1 | 0.2% | 19 | 2.9% | 4 | 0.6% | 2 | 0.3% | 4 | 0.5% |
| White | 466 | 83.2% | 476 | 73.5% | 571 | 91.2% | 565 | 88.8% | 693 | 90.6% |
| Hispanic | 1 | 0.2% | 10 | 1.5% | 7 | 1.1% | 10 | 1.6% | 5 | 0.7% |
| Asian/Pac.Is. | 1 | 0.2% | 3 | 0.5% | 1 | 0.2% | 3 | 0.5% | 3 | 0.4% |
| Nonresident Alien | 0 | 0.0% | 5 | 0.8% | 0 | 0.0% | 0 | 0.0% | 5 | 0.7% |
| Unknown | 86 | 15.4% | 132 | 20.4% | 34 | 5.4% | 47 | 7.4% | 49 | 6.4% |
| Total | 560 | 100.0% | 648 | 100.0% | 626 | 100.0% | 636 | 100.0% | 765 | 100.0% |

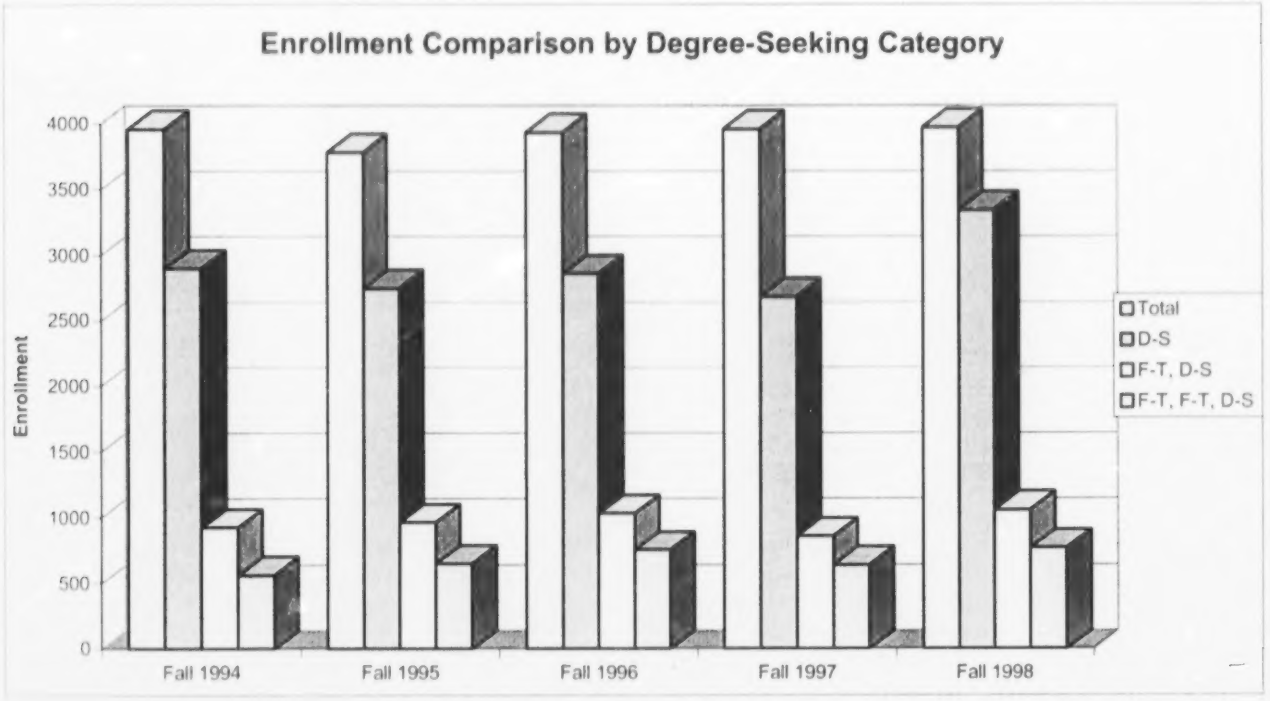
Source: RTK01 Files and Banner Queries

Again, the ethnic composition of these students is similar to that of the entire student body.

# Section 3: Degree-Seeking Students

## 3.11 Enrollment Comparison by Degree-Seeking Category

| Cohort | Fall 1994 | | Fall 1995 | | Fall 1996 | | Fall 1997 | | Fall 1998 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| Total Enrollment | 3,962 | 100.0% | 3,783 | 100.0% | 3,934 | 100.0% | 3,963 | 100.0% | 3,976 | 100.0% |
| Degree-Seeking Students | 2,893 | 73.0% | 2,743 | 72.5% | 2,857 | 72.6% | 2,680 | 67.6% | 3,341 | 84.0% |
| First-Time, Degree-Seeking Students | 922 | 23.3% | 963 | 25.5% | 1,031 | 26.2% | 854 | 21.5% | 1,055 | 26.5% |
| Full-Time, First-Time Degree-Seeking Students | 560 | 14.1% | 648 | 17.1% | 626 | 15.9% | 636 | 16.0% | 765 | 19.2% |




There is a noticeable increase in degree-seeking students this Fall as a portion of total enrollment.

The chart on the left depicts the relative proportions of degree-seeking students to the entire student body. The proportion of degree-seeking students has increased dramatically this fall term.

### 4.1 High School Level Enrollment by Program Area

| Program Area | Total Enrollment | Gender | | Ethnicity | | Special Populations | |
|---|---|---|---|---|---|---|---|
| | | Male | Female | White | Minority | Disabled | Disadvan. |
| Building Maintenance | 37 | 35 | 1 | 36 | 1 | 11 | 19 |
| Building Trades | 32 | 32 | 0 | 32 | 0 | 7 | 13 |
| Culinary Arts/Chefs' Training | 23 | 8 | 15 | 23 | 0 | 7 | 6 |
| Health Service Assistant | 21 | 0 | 21 | 21 | 0 | 1 | 9 |
| Metal Fabrication | 38 | 35 | 3 | 35 | 0 | 16 | 15 |
| Coop. Industrial Education | 15 | 7 | 8 | 15 | 0 | 3 | 9 |
| Total | 166 | 117 | 48 | 162 | 1 | 45 | 71 |

Source: Coordinator and Program Secretary, Area Vocational School

### 4.2 College Level Enrollment by Program Area

| Program Area | Total Enrollment | Gender | | Ethnicity | | Special Populations | |
|---|---|---|---|---|---|---|---|
| | | Male | Female | White | Minority | Disabled | Disadvan. |
| Computer Aided Drafting (CAD) & Design Tech (with Architectural Option) | 6 | 4 | 2 | 6 | 0 | 1 | 2 |
| Automotive Technology | 21 | 21 | 0 | 21 | 0 | 3 | 4 |
| Business Management | 16 | 4 | 12 | 16 | 0 | 1 | 3 |
| Child Care/Early Childhood Education | 25 | 1 | 24 | 25 | 0 | 2 | 4 |
| Civil/Construction Tech. | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| Computer Programming | 30 | 12 | 18 | 30 | 0 | 0 | 8 |
| Electronics | 8 | 8 | 0 | 8 | 0 | 1 | 0 |
| Heating, Refrigeration, and Air Conditioning | 5 | 5 | 0 | 5 | 0 | 0 | 0 |
| Hotel/Restaurant Management | 7 | 3 | 4 | 7 | 0 | 2 | 1 |
| Machine Tool Technology | 7 | 7 | 0 | 7 | 0 | 0 | 3 |
| Computer Aided Drafting (CAD) and Design Tech. (with Mechanical) | 10 | 8 | 2 | 10 | 0 | 2 | 1 |
| Welding Technology | 19 | 19 | 0 | 19 | 0 | 6 | 2 |
| Total | 155 | 93 | 62 | 155 | 0 | 18 | 28 |

Source: Coordinator and Program Secretary, Area Vocational School

The Area Vocational School enrollment continues to grow. In the fall of 1998 there were 166 students enrolled in the high school level programs and 155 in the college level programs.

The need for AVS programming continues to be great. With the cooperation of the participating local school districts, the Jefferson College Foundation, and the state of Missouri, a new AVS building is being constructed on campus. It is scheduled for completion in 1999.

### 4.3 Enrollment by Home School - High School Level Programs

| High School | Students Enrolled | Enrollment Quota | Per Cent of Utilization |
|---|---|---|---|
| Crystal City | 6 | 5 | 120% |
| De Soto | 33 | 31 | 106% |
| Festus | 9 | 20 | 45% |
| Fox | 28 | 48 | 58% |
| Grandview | 9 | 9 | 100% |
| Herculaneum | 8 | 15 | 53% |
| Hillsboro | 23 | 29 | 79% |
| Kingston | 5 | 6 | 83% |
| Northwest | 34 | 37 | 92% |
| Windsor | 11 | 18 | 61% |
| Total | 166 | 218 | 76% |

Source: Coordinator and Program Secretary, Area Vocational School

Note: Includes 5 vocational programs and 1 CIE program.

### 4.4 Enrollment by Home School - College Level Programs

| High School | Students Enrolled | Enrollment Quota | Per Cent of Utilization |
|---|---|---|---|
| Crystal City | 5 | 12 | 42% |
| De Soto | 22 | 27 | 81% |
| Festus | 16 | 22 | 73% |
| Fox | 12 | 54 | 22% |
| Grandview | 5 | 13 | 38% |
| Herculaneum | 13 | 17 | 76% |
| Hillsboro | 27 | 27 | 100% |
| Kingston | 6 | 12 | 50% |
| Northwest | 37 | 43 | 86% |
| Windsor | 12 | 21 | 57% |
| Total | 155 | 248 | 63% |

Source: Coordinator and Program Secretary, Area Vocational School

Note: Includes 11 vocational programs.

High schools are allocated a number of enrollment slots for both the high school and college-level programs. As the two tables to the left show, some schools are able to overutilize the enrollment quotas when they are underutilized by other schools. More importantly, there is participation at both program levels by all area high schools.



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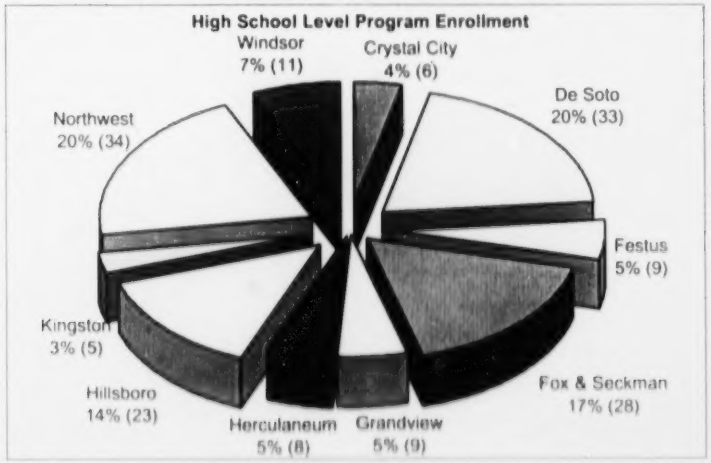
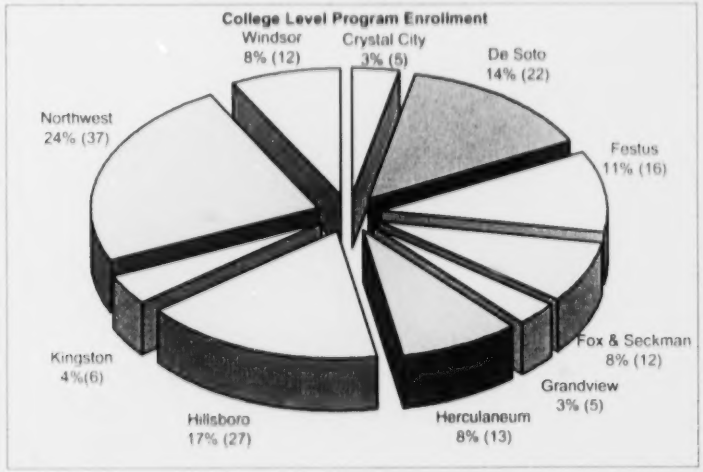
### 4.5 High School Program Enrollments by High School




Source: Office of Research & Planning

### 4.6 College Program Enrollments by High School




Source: Office of Research & Planning

The two pie charts to the left graphically depict the distribution of area vocational school students by program level and by home school. In general, the distribution of students is relative to the size of the home school.



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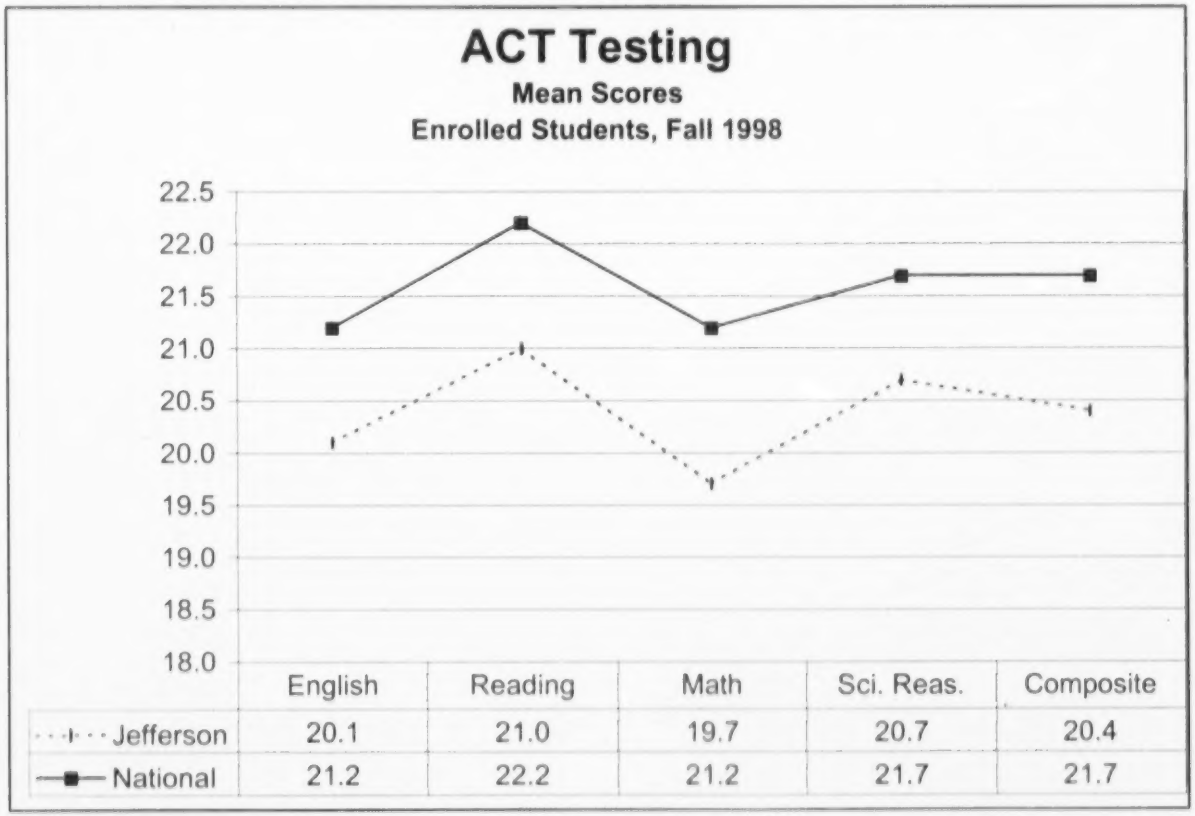
## 5.1 ACT Scores for 1997-98 Enrolled Freshmen




| | English | Reading | Math | Sci. Reas. | Composite |
|---|---|---|---|---|---|
| Jefferson | 20.1 | 21.0 | 19.7 | 20.7 | 20.4 |
| National | 21.2 | 22.2 | 21.2 | 21.7 | 21.7 |

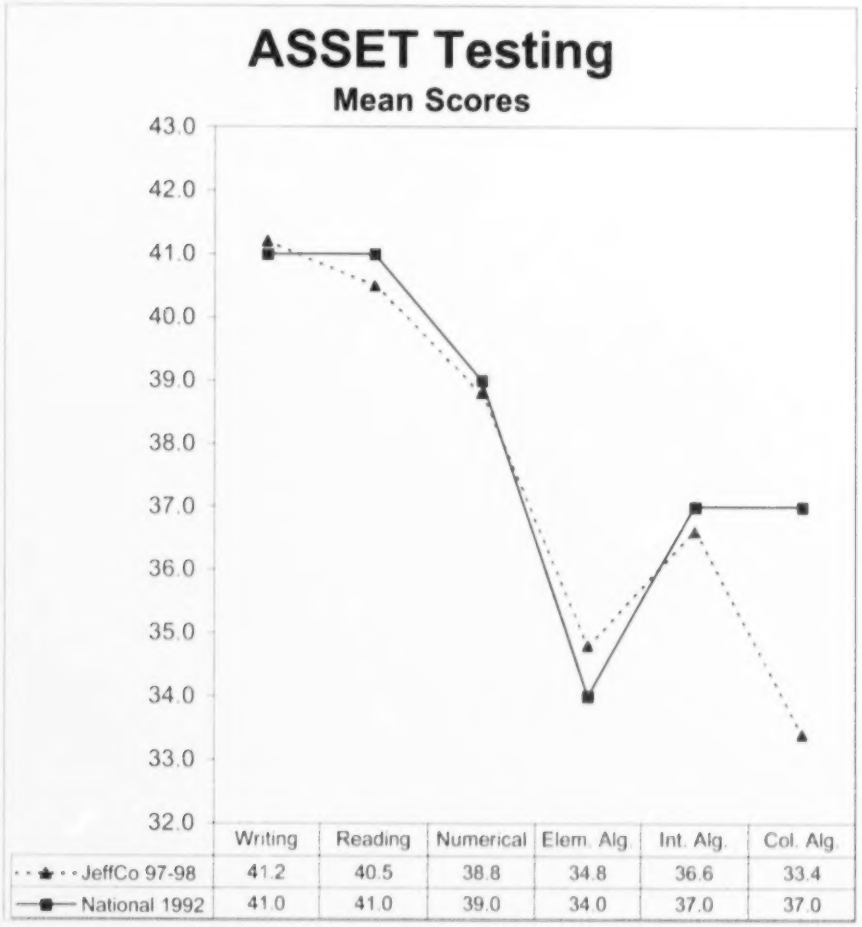
**National = National Freshmen Class of 1997-98**

Notes: Scale of scores is truncated for clarity. ACT scale scores range from 1 to 36. Jefferson College scores are for enrolled students.
Sample Sizes: Jefferson = 1,436; National = 507,297.

Sources: EMSAS Fall 1998 Enrollment File and ACT Profile Report: National Enrolled Freshmen Class of 1997-98

Although an admissions test is not required for enrollment at Jefferson College, an increasing number of new freshmen are taking the ACT test. The chart on the left shows that students who enroll at Jefferson College, score approximately 1 point lower on the ACT compared to the National sample.

## 5.2 ASSET Course Placement Assessments

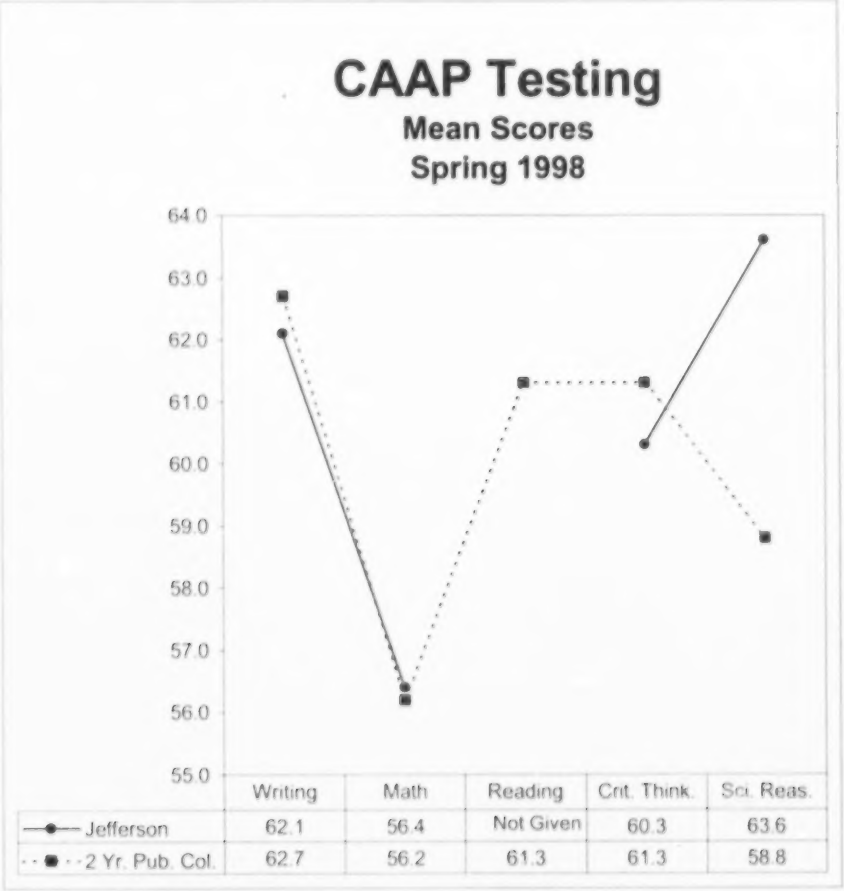



| | Writing | Reading | Numerical | Elem. Alg. | Int. Alg. | Col. Alg. |
|---|---|---|---|---|---|---|
| JeffCo 97-98 | 41.2 | 40.5 | 38.8 | 34.8 | 36.6 | 33.4 |
| National 1992 | 41.0 | 41.0 | 39.0 | 34.0 | 37.0 | 37.0 |

Note: Scale is truncated for clarity. ASSET scores range from 23 to 55.

The ASSET test is administered to most new students to assist with appropriate course placement. Jefferson students who were tested in 1997-98 approximated the scores of students nationally who take the ASSET with the exception of the College Algebra Subtest.

## 5.3 CAAP Outcomes Assessments

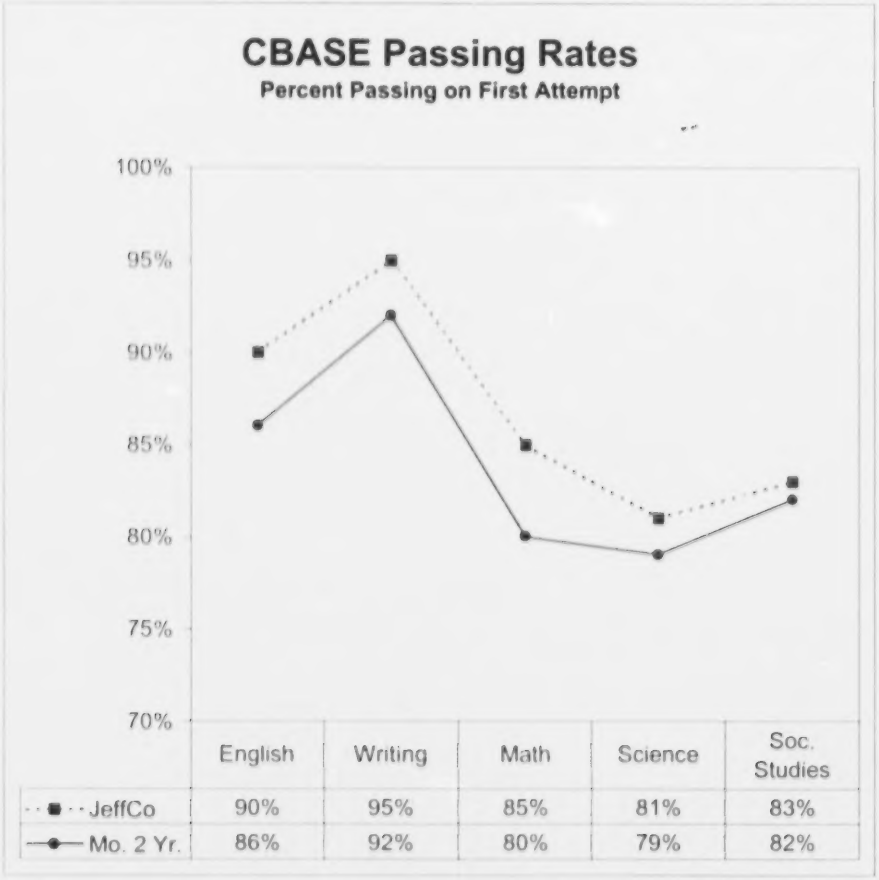



| | Writing | Math | Reading | Crit. Think. | Sci. Reas. |
|---|---|---|---|---|---|
| Jefferson | 62.1 | 56.4 | Not Given | 60.3 | 63.6 |
| 2 Yr. Pub. Col. | 62.7 | 56.2 | 61.3 | 61.3 | 58.8 |

Note: Scale is truncated for clarity. CAAP scale scores range from 40 to 80.
Sample sizes: Jefferson College = 272; 2 Yr. Public Colleges = 19,545. Sample size varies by subtest.

The CAAP test is administered to graduating students as a measure of student general education outcomes. Last year graduating students made scores similar to the National sample on Writing Skills and Math, slightly lower on Critical Thinking, and substantially higher on Science Reasoning. The average scores of graduating students at Jefferson for the past six years have been slightly higher than those of all students tested across the nation. Although the differences are not statistically significant, they denote a positive trend.

## 5.4 CBASE Testing - Passing Rates By Subject




| | English | Writing | Math | Science | Soc. Studies |
|---|---|---|---|---|---|
| JeffCo | 90% | 95% | 85% | 81% | 83% |
| Mo. 2 Yr. | 86% | 92% | 80% | 79% | 82% |

Source: Assessment Resource Center, University of Missouri - Columbia, 10/21/98
Sample sizes are: Jefferson = 482; Mo. 2 Yr. = 4,150

The CBASE test is an assessment of general education outcomes that is taken by many of Jefferson's pre-education majors prior to transferring to a four-year institution to complete a bachelor's degree program in education. One measure of success on the CBASE test is the comparison of the percentage of students who pass the test on the first attempt. The chart on the left reveals that Jefferson students historically have a higher passing rate on the first attempt on all sections of the test than their peers across the state.

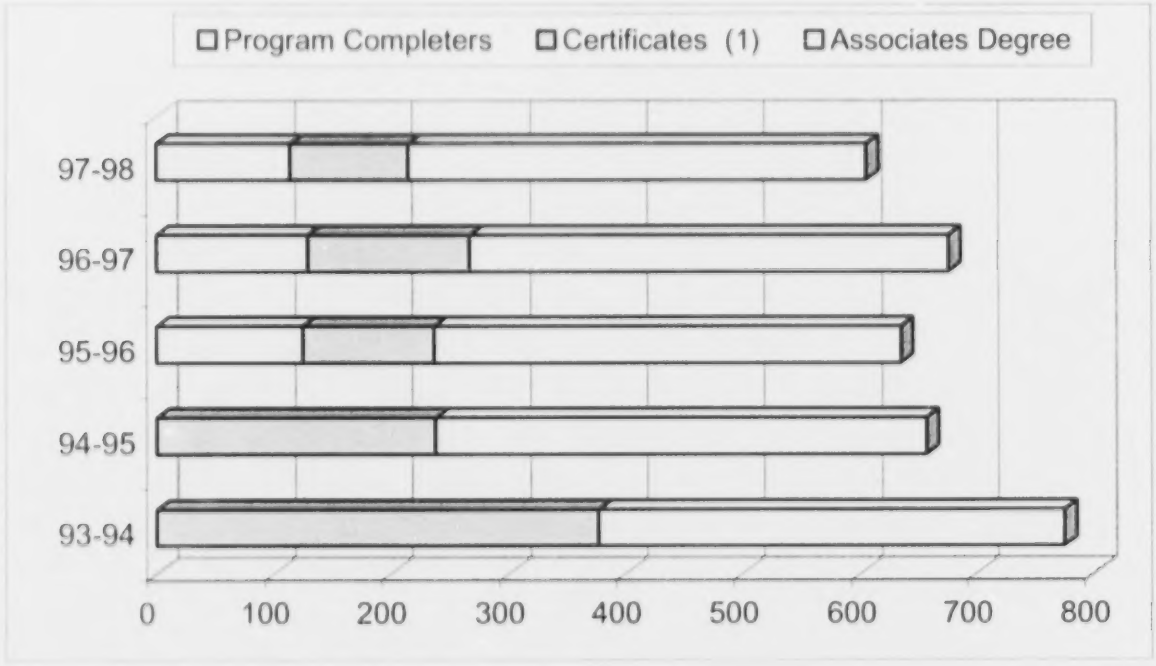
## 6.1 Awards Conferred

| Award Type | FY 93-94 | FY 94-95 | FY 95-96 | FY 96-97 | FY 97-98 |
|---|---|---|---|---|---|
| Program Completers | n/a | n/a | 125 | 129 | 114 |
| Certificates (1) | 377 | 238 | 112 | 138 | 101 |
| Associates Degree | 398 | 419 | 398 | 409 | 390 |
| Total Awards | 775 | 657 | 635 | 676 | 605 |

Source: Finite Reports GRA01, degSRR31, and EMSAS Completers File.

For FY 97-98, Access Query from Registrar's office.

(1) Note: Program completers and certificates were combined prior to FY 95-96 in this table.




Approximately 17% of enrolled students earn an award at Jefferson each year--last year it was 15.3%. The number of total awards was less in FY97-98 than it has been in previous years.

This chart visually depicts the proportion of the various award categories by year. Note that prior to 95-96, the categories of program completers and certificates were combined in the representation of the data.



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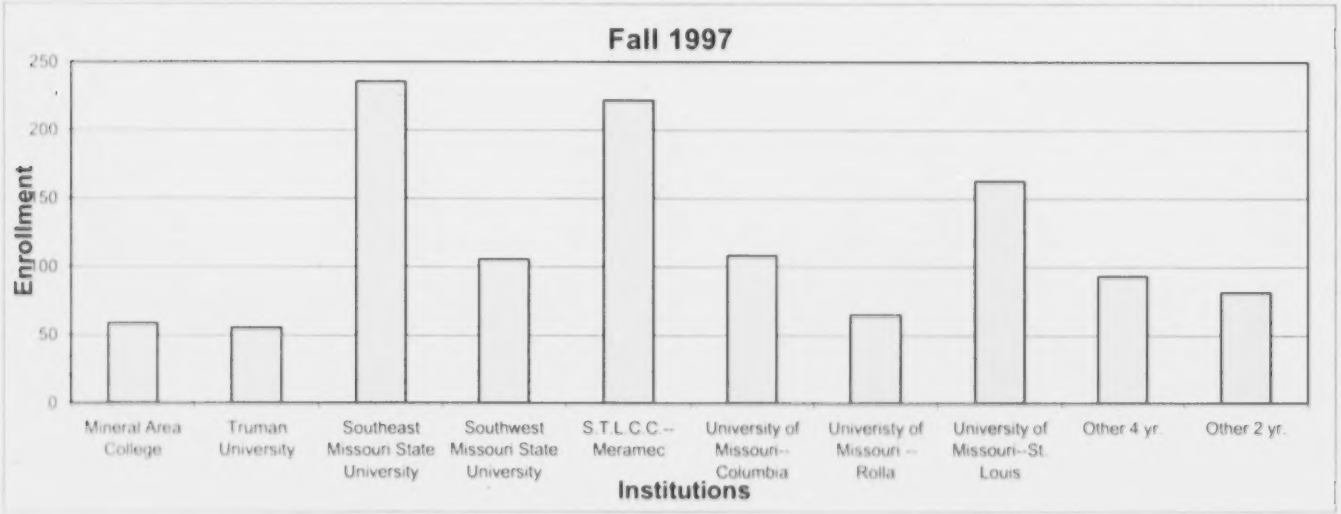
## 6.2 Jefferson College First-Time Students Enrolled in Other Institutions in Missouri

| Institution | Fall 1997 |
|---|---|
| Mineral Area College | 58 |
| Truman University | 55 |
| Southeast Missouri State University | 236 |
| Southwest Missouri State University | 105 |
| S.T.L.C.C.--Meramec | 222 |
| University of Missouri--Columbia | 108 |
| Univeristy of Missouri -- Rolla | 65 |
| University of Missouri--St. Louis | 163 |
| Other 4 yr. | 93 |
| Other 2 yr. | 81 |
| Total | 1,186 |

Source: Missouri Coordinating Board for Higher Education, EMSAS Database




CBHE provides information on student migration within the state public education sector.

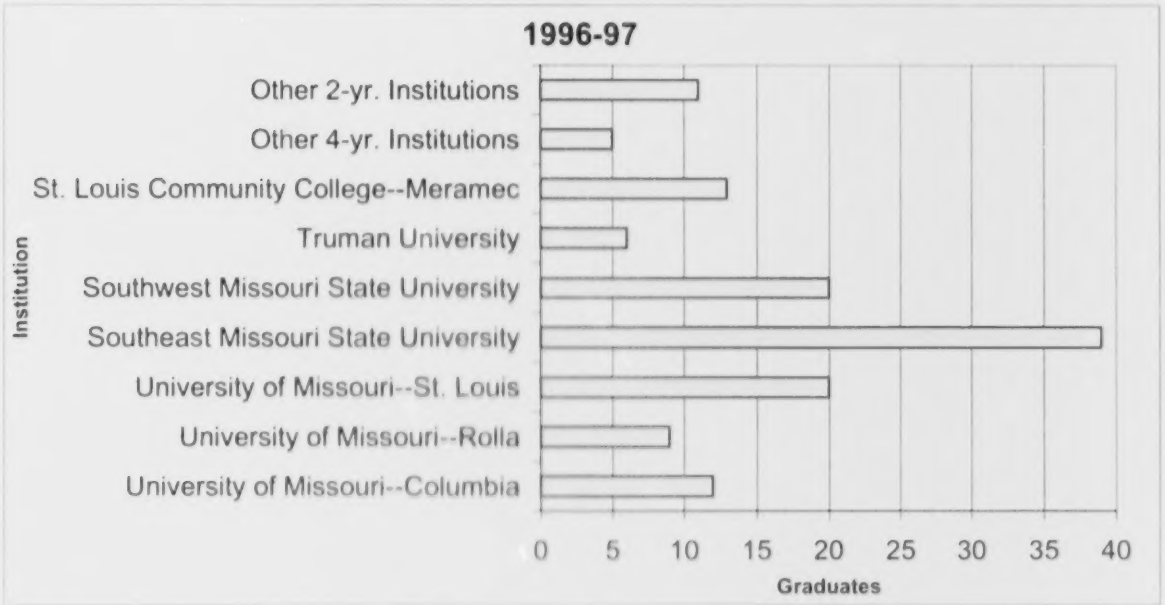
In the Fall of 1997, 1,186 students who first enrolled at Jefferson College were subsequently enrolled in other public institutions in the state of Missouri

The chart shows that the largest enrollments are at Southeast Missouri State University, St. Louis Community College at Meramec, University of Missouri at St. Louis, and the University of Missouri at Columbia.

## 6.3 1996-97 Missouri Public Institution Graduates Who First Enrolled At Jefferson College

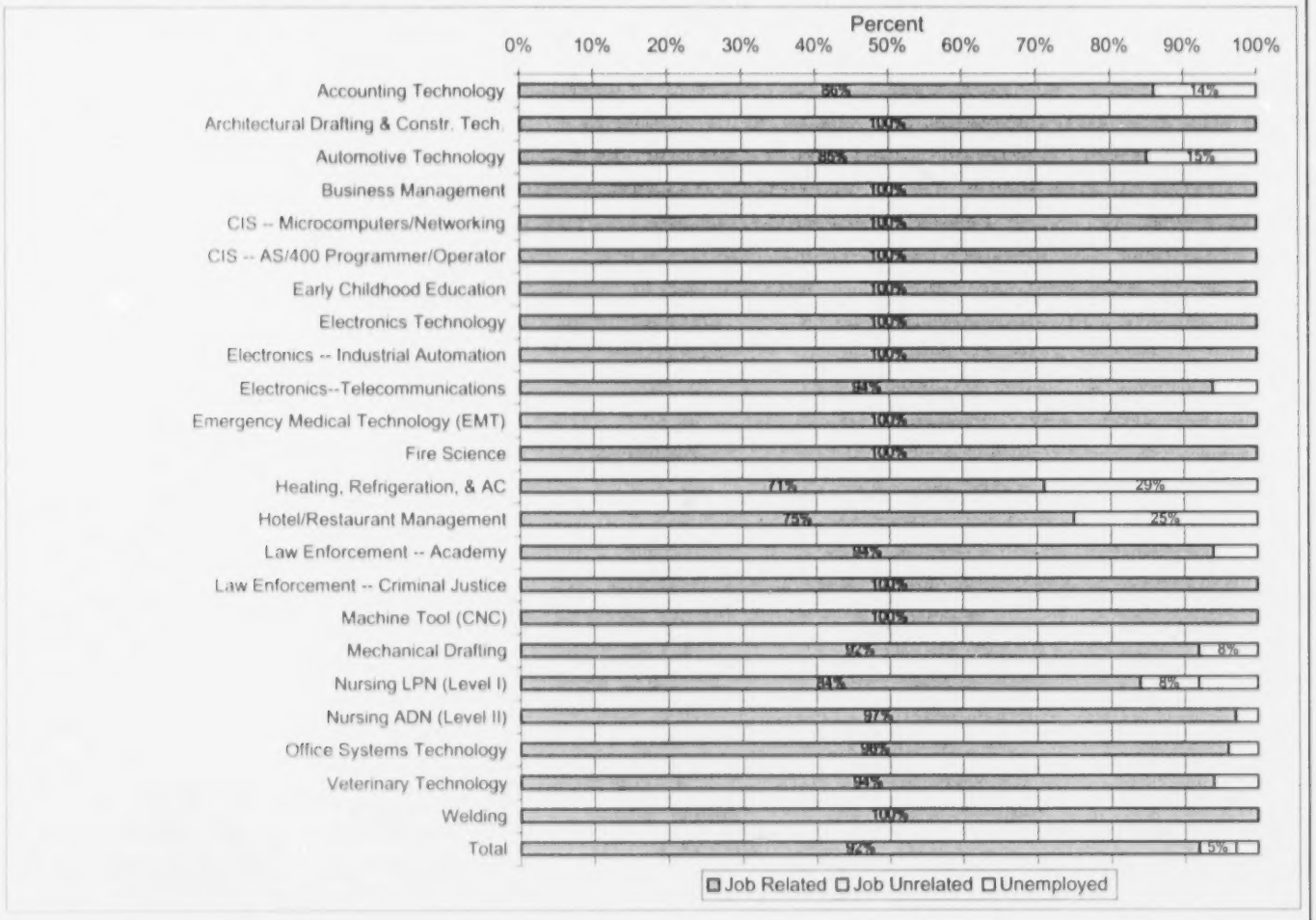
| Institution | 1996-97 Graduates |
|---|---|
| University of Missouri--Columbia | 12 |
| University of Missouri--Rolla | 9 |
| University of Missouri--St. Louis | 20 |
| Southeast Missouri State University | 39 |
| Southwest Missouri State University | 20 |
| Truman University | 6 |
| St. Louis Community College--Meramec | 13 |
| Other 4-yr. Institutions | 5 |
| Other 2-yr. Institutions | 11 |
| TOTAL | 135 |

Source: MO CBHE EMSAS Database




Through the Enhanced Missouri Student Achievement Reporting System (EMSAS), CBHE is able to identify students who have earned degrees and other awards for students who began their higher education studies at Jefferson as the table and chart on the left show, one hundred and thirty-five former Jefferson students earned awards at other Missouri public institutions during 1996-97.

## 6.4 Percent of 1997 Degree and Certificate Graduates Available for Placement and Employed

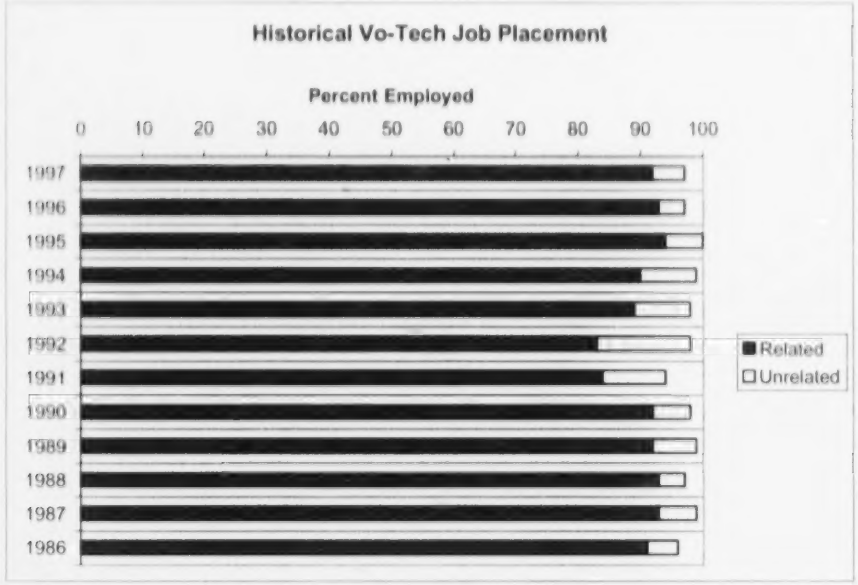



Job placement of Vocational-Technical graduates remains very high. Annual job placement has exceeded 94% for the past eleven years. This year's overall job placement rate is 97% (92% in jobs related to their field of training, and 5% in jobs not related to their field of training).

## 6.5 Historical Vo-Tech Job Placement Rates

| Academic Year | Employed Related | Employed Not Related | Total Placement Percentage |
|---|---|---|---|
| 1997 | 92% | 5% | 97% |
| 1996 | 93% | 4% | 97% |
| 1995 | 94% | 6% | 100% |
| 1994 | 90% | 9% | 99% |
| 1993 | 89% | 9% | 98% |
| 1992 | 83% | 15% | 98% |
| 1991 | 84% | 10% | 94% |
| 1990 | 92% | 6% | 95% |
| 1989 | 92% | 7% | 99% |
| 1988 | 93% | 4% | 97% |
| 1987 | 93% | 6% | 99% |
| 1986 | 91% | 5% | 96% |

Source: Career Services Office




Historically, placement of Jefferson College Vo-Tech graduates has been very high. In the past eleven years, the total placement rate has never been lower than 94%. Even in years when employment opportunities have been lessened by economic conditions, the total employment rate of Vo-Tech graduates has been very high.

The job placement rates for Vo-Tech graduates in related and non-related fields is visually depicted in the chart on the left.

## 6.6 Beginning Wage Data -- 1997 Graduates

| Vocational-Technical Programs | Avg. Wage Per Hour | No. Graduates: Surveyed | Employed Related | Min. Wage | Max. Wage |
|---|---|---|---|---|---|
| Accounting Technology | $10.00 | 1 | 6 | $10.00 | $10.00 |
| Architectural Drafting & Construction Tech | $8.00 | 1 | 3 | $8.00 | $8.00 |
| Automotive Technology | NA | 0 | 11 | NA | NA |
| Business Management | $8.28 | 4 | 13 | $7.00 | $9.10 |
| CIS--MicroComp/Network | $10.68 | 2 | 5 | $10.10 | $11.25 |
| CIS--AS400 Programmer/Operator | $12.64 | 5 | 7 | $10.80 | $14.40 |
| Early Childhood Ed. | $6.80 | 3 | 14 | $6.54 | $7.10 |
| ELECTRONIC | | | | | |
| Electronics | $9.50 | 1 | 1 | $9.50 | $9.50 |
| Industrial Automation | $13.69 | 6 | 8 | $10.50 | $16.01 |
| Telecommunications | $12.66 | 11 | 14 | $6.50 | $16.80 |
| Heating, Refrigeration, & Air Conditioning | $9.77 | 3 | 17 | $8.50 | $11.20 |
| Hotel/Restaurant Mgt. | $6.85 | 1 | 3 | $6.85 | $6.85 |
| Machine Tool Technology (& CNC) | $10.83 | 11 | 20 | $7.75 | $16.50 |
| Mechanical Drafting & Design | $10.64 | 6 | 12 | $9.23 | $12.50 |
| NURSING | | | | | |
| Level I (LPN's) | $11.00 | 1 | 12 | $11.00 | $11.00 |
| Level II (AND's) | $13.32 | 27 | 31 | $12.00 | $15.35 |
| Office Systems & Technologies | $8.94 | 13 | 22 | $6.60 | $11.50 |
| Veterinary Technology | $8.03 | 5 | 17 | $6.00 | $11.55 |

Only programs with sufficient entry-level wage data are listed. One should be cautioned against drawing any conclusions on wages for programs listing small numbers of students surveyed. Also, when there is a wide range of wages, one or two figures can skew the average considerably in either direction. Finally, students accept jobs for reasons other than wage alone (e.g. distance from home, benefits, advancement opportunities, etc.).

Nevertheless, it is apparent that graduating Vo-Tech students are well compensated initially and will earn substantially more than their counterparts who receive less training.



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# Section 7: Jefferson College Arnold

## 7.1 Sections, Enrollment and Credit Hours at Jefferson College Arnold

| School Term | Sections[1] | Enrollment | % of Total Inst. Enrollment[2] | Credit Hours | % of Total Student Credit Hours Generated |
|---|---|---|---|---|---|
| **FY98-99** | | | | | |
| Summer '98 | 45 | 405 | 36.7% | 1149 | 24.6% |
| Fall '98 | 101 | 1575 | 39.7% | 4712 | 12.2% |
| Spring '99 | n.a | n.a | n.a | n.a | n.a |
| **Total** | Incomplete | Incomplete | Incomplete | Incomplete | Incomplete |
| **FY 97-98** | | | | | |
| Summer '97 | 46 | 417 | 37.8% | 1142 | 23.1% |
| Fall '97 | 100 | 1612 | 40.7% | 4919 | 12.9% |
| Spring '98 | 97 | 1278 | 32.2% | 3845 | 11.6% |
| **Total** | 243 | 3307 | 39.2% | 9906 | 23.0% |
| **FY 96-97** | | | | | |
| Summer '96 | 50 | 351 | 33.9% | 1035 | 21.0% |
| Fall '96 | 101 | 1453 | 36.9% | 4446 | 11.6% |
| Spring '97 | 90 | 1158 | 34.4% | 3494 | 10.3% |
| **Total** | 241 | 2962 | 35.5% | 8975 | 11.7% |
| **FY 95-96** | | | | | |
| Summer '95 | 44 | 420 | 35.5% | 1,231 | 21.2% |
| Fall '95 | 99 | 1,537 | 40.6% | 4,774 | 12.7% |
| Spring '96 | 83 | 1,138 | 35.4% | 3,419 | 10.5% |
| **Total** | 226 | 3,095 | 37.8% | 9,424 | 12.4% |
| **FY 94-95** | | | | | |
| Summer '94 | 49 | 518 | 41.9% | 1,486 | 25.5% |
| Fall '94 | 99 | 1,571 | 39.7% | 4,752 | 12.0% |
| Spring '95 | 92 | 1,259 | 37.5% | 3,759 | 11.2% |
| **Total** | 240 | 3,348 | 39.1% | 9,997 | 12.7% |
| **Averages** | | | | | |
| Summer Terms | 47 | 422 | 37.2% | 1,209 | 23.1% |
| Fall Terms | 100 | 1,550 | 39.5% | 4,721 | 12.3% |
| Spring Terms | 91 | 1,208 | 34.9% | 3,629 | 10.9% |

Note (1): Does not include classes that were cancelled.
Note (2): Headcount is not unduplicated. Some students take courses at both campus locations.

The attendance center at Arnold significantly impacts the total enrollment and credit hour generation of the college. In spite of the inherent facility limitations, annual enrollment continues to approximate 3,000 and generates 9,000 credit hours annually. Since Arnold is officially an attendance center, (lacking comprehensive curricular offerings), most students are part-time. During the past five years, as depicted in the table, approximately 40% of the college's student body enroll in course work at Arnold each year.



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## 7.2 Profile of Jefferson College, Arnold

| Descriptor | Profile |
|---|---|
| *Facility* | |
| Facility size | 19, 582 square feet |
| Classroom sizes | 6 rooms -- 24 capacity<br>2 rooms -- 30 capacity<br>1 room -- 28 capacity<br>1 room -- 36 capacity<br>1 Science Lab -- 20 for lab<br>-- 30 for class<br>3 Computer labs -- 20 capacity<br>1 Learning Center<br>1 Literacy Coordinator Office<br>1 office (part-time faculty)-- 5 desks<br>1 Full-time faculty office -- 1 desk<br>1 Faculty lounge<br>1 GED Learning Center -- 30 capacity |
| Parking | 186 total spaces |
| Parking vs. Classroom Capacity | Ratio of .53 to 1<br>(186 parking spaces vs. 352 classroom seats excluding Learning Center and GED) |
| Services | GED testing site<br>Computer courses<br>Vocational courses<br>Continuing Education courses<br>Adult Basic Education courses<br>Student Services<br>Book Store<br>Academic Advising<br>Assessment services<br>Library services |
| *Personnel* | |
| Faculty | 1 English Instructor (full-time)<br>2 Learning Center Instructors (part-time)<br>4 ABE instructors (part-time) |
| Staff - Office | Director, Jefferson College Arnold<br>Secretary (full-time)<br>Daytime Receptionist (part-time)<br>Evening/Receptionist (part-time)/<br>Weekend Receptionist<br>ABE (part-time) |
| Maintenance | 1 Day (full-time)<br>1 evening (full-time)<br>1 evening (part-time) |

The table on the left reveals the magnitude of services available at the Arnold site. There are 14 classrooms excluding the learning center with a capacity for 352 students. Parking, however, is available for only 186 vehicles. There is only one full-time instructor assigned to Arnold, although many faculty members teach courses both at Hillsboro and at Arnold.



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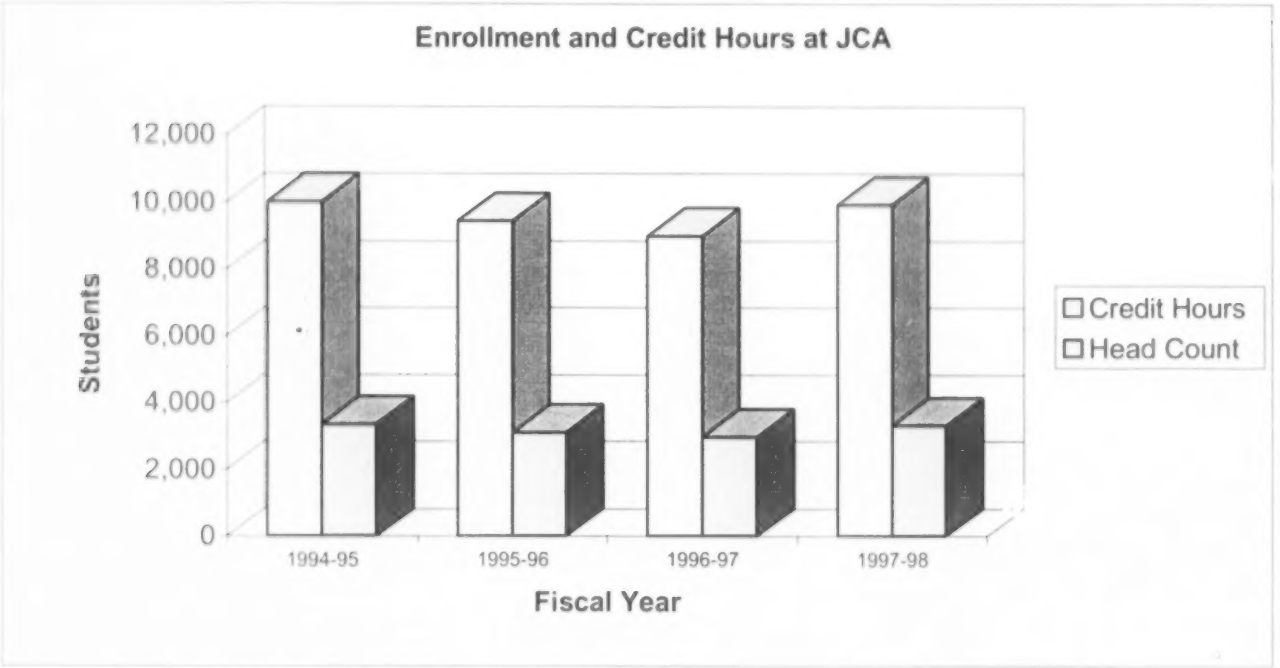
### 7.3 Trends in Enrollment and Credit Hours at Jefferson College - Arnold




In the past four years, annual enrollment at the Arnold site has averaged nearly 3,200 students. The Arnold site also generates over 9,500 student credit hours annually. Both of these figures represent a substantial portion of the College's total educational services.